

ABSTRACT OF THE DISCLOSURE

A marine structure including a platform and a pest deterrent rotatably connected to the platform. The pest deterrent includes a hub rotatably connected to the platform and at least one arm extending radially from the hub where each arm extends from the hub at an angle above
5 horizontal. Each arm includes an area moment of inertia and a length. A ratio of the area moment of inertia to the length is less than 0.0001 inches^3 . Each arm further includes a wind collector at an end opposite of the hub.